



**INNOVATIVE
ECONOMY**
NATIONAL COHESION STRATEGY

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



3rd BALTIC STEM CELL MEETING

WARSAW

POLAND

18th JUNE - 19th JUNE 2015

PROGRAM

WWW.STEMCELLS-PROJECT.EU

Conference co-financed by the European Regional Development Fund
under the Innovative Economy Operational Programme



THURSDAY 18th June 2015

11:30-12:30	Registration
12:30-13:00	Opening Ceremony
PROCEEDINGS IN STEM CELL BIOLOGY Session	
13:00-13:35	Opening Lecture <i>On Radiation and biological consequences?</i> Robert Peter Gale
13:35-14:00	<i>From stem cells to endothelial progenitor cells: is there any future for angiogenic cell therapy?</i> David Smadja
14:00-14:25	<i>MiRNA regulation of ABO blood group genes during erythroid differentiation</i> Torsten Tonn
14:25-14:50	<i>Actively cycling adult murine hematopoietic stem cells(HSCs): re-evaluating the total HSC population</i> Laura R. Goldberg
14:50-15:15	<i>Inhibition of c-Myc and hTERT Expression By Strand-Invading Quadruplex-forming Oligonucleotides</i> Donald Miller
15:15-15:40	<i>Regeneration of healthy gut microbiome in patients with hematologic disorders: attempt to eradicate colonization with antibiotic-resistant bacteria</i> Grzegorz Basak
15:40-16:05	<i>From a Malformed Arm to a Stem Cell Zinc-Finger Small Molecule Target</i> Yupo Ma
16:05-16:40	Break



EXTRACELLULAR MICROVESICLES Session

16:40-17:15	Keynote Lecture <i>A New Stem Cell Biology</i> Peter J. Quesenberry
17:15-17:40	<i>Role of extracellular vesicles in paracrine action of stem cells</i> Giovanni Camussi
17:40-18:05	<i>Mesenchymal derived exosomes in breast cancer dormancy: Development of RNA therapeutics</i> Rameshwar Pranela
18:05-18:30	<i>Stem Cells and its secretome for lung repair and regeneration</i> Gazdhar Amiq

FRIDAY 19th June 2015

VSELS – UPDATE AND PERSPECTIVES Session

08:30-09:05	Keynote Lecture <i>Challenging questions to hierarchy of bone marrow stem cells and their developmental and postnatal trafficking</i> Mariusz Z. Ratajczak
09:05-09:30	<i>VSELS have Superior Regenerative Potential Compared to ES/iPS Cells</i> Deepa Bhartiya
09:30-09:55	<i>VSEL cell induced tissue proliferation in a rat limb amputation model</i> John H. Barker
09:55-10:20	<i>Hematopoietic potential of human umbilical cord blood-derived very small embryonic like stem cells (VSELS)</i> Janina Ratajczak
10:20-10:45	<i>The developmental link between primordial germ cells and hematopoiesis</i> Magdalena Kucia
10:45-11:10	<i>The effects of growth hormone (GH) and insulin-like growth factor 1 (IGF-1) replacement therapy on very small embryonic-like stem cell levels in GH- and IGF-1-deficient pediatric patients</i> Marcin Moniuszko
11:10-11:25	Break



STEM CELLS IN NEUROSCIENCE AND REGENERATIVE MEDICINE Session

11:25-12:00	<p>Keynote Lecture</p> <p><i>Marrow derived stem cells: characteristics and clinical application</i></p> <p>Andrzej Lange</p>
12:00-12:25	<p><i>Quantitative Proteomic Profiling of a Stem Cell Model of Spinal Muscular Atrophy</i></p> <p>Graham Parker</p>
12:25-12:50	<p><i>Purinergic signaling in neural differentiation and brain repair</i></p> <p>Alexander Henning Ulrich</p>
12:50-13:15	<p><i>Stem cells in psychiatry</i></p> <p>Jerzy Samochowiec</p>
13:15-13:40	<p><i>How to repair a defective brain with neuronal transplantations?</i></p> <p>Artur Czupryn</p>
13:40-14:05	<p><i>Cellular Nanotechnology for Cardiovascular Disease</i></p> <p>Piotr Waciński</p>
14:05-14:30	<p><i>Hematopoietic stem cell transplantation in diabetes type 1</i></p> <p>Emilian Snarski</p>
14:30-14:55	<p><i>The role of stem and progenitor cells in inflammatory and neoplastic gastrointestinal diseases</i></p> <p>Wojciech Marlicz</p>
14:55-15:20	<p><i>The fabrication of 3D alginate hydrogel scaffold as a construct for rat VSELs transplantations</i></p> <p>Krzysztof Marycz</p>
15:20-15:40	<p>Closing ceremony</p>